

nothrips (a synonym of *Idolothrips*), in which it was originally described, it is really very close to *Gigantothrips* Zimmerman, and is separable from that genus by the simple vertex, the venation of the hind wing, and the flattened abdomen of the male with its conspicuously prolonged intermediate segments. Only one species is known; it inhabits galls on *Planchonia valida* in Java.

SOME NEW TROPICAL AMERICAN MOTHS

(*Lepidoptera*)

By HARRISON G. DYAR

NOCTUIDÆ

AGROTINÆ

***Agrotis timbor*, new species.**

Palpi black, the tip of second joint and all of third brownish ocher; head and basal half of collar brownish ocher, a dark line on upper part of front; a yellow line through middle of collar, the tip black. Thorax and fore wing smooth blackish brown, the stigmata a little more of a leaden tint; cell filled in with black; costa broadly brownish ocher to end of cell; lines faint, nearly illegible, blackish, single, the inner outwardly oblique, the outer running just beyond reniform; subterminal line represented by a trace of grayish scales. Hind wing pale grayish, costa broadly brown, veins brown; a rounded brown discal mark on upper half of the cross-vein; fringe tinged with salmon-color. Legs entirely blackish. Expanse, 40 mm.

Type, female, No. 22009, U. S. Nat. Mus.; Zacualpan, Mexico, June, 1918 (R. Müller).

***Agrotis hahama*, new species.**

Ocher, irrorated and shaded with brownish, of the color of *A. perotensis* Schaus, which this much resembles, except that the markings are reversed. Lines light, the inner nearly straight, the outer roundedly angled at vein 7; a dark shade

in and beyond cell between the stigmata, which are large, full, of the pale ground color, weakly defined on the sides by lighter lines; a row of dark dots on the veins before outer line. Subterminal line pale, a little wavy, preceded by a dark shade on costal portion; small terminal dots between the veins. Hind wing whitish on the disk, shaded with pink, especially along anal area and fringe; costa ocherous, veins dark, traces of an ocherous brownish discal mark. Expanse, 45 mm.

Type, male, No. 22010, U. S. Nat. Mus.; Zacualpan, Mexico, May, 1918 (R. Müller).

Lycophotia federalis, new species.

Thorax and fore wing gray, sparsely sprinkled with black scales, the fore wing light gray with rusty yellow stains about the stigmata; a black speck on costa near base; inner line black, biarcuate, broken and diluted except on costa and claviform; orbicular elongate, slenderly outlined in black; reniform constricted, heavily stained with black below and on outer edge; outer line single, black, slightly and bluntly denticulate, strongly excurved between subcostal and vein 2; a terminal black shade, preceded by a brown spot discally; terminal line pale, spotted on the veins; fringe blackish. Hind wing heavily black shaded, the veins darker; fringe whitish. Expanse, 31 mm.

Type, female, No. 22120, U. S. Nat. Mus.; Mexico City, Mexico, October, 1918 (R. Müller).

HADENINÆ

Cirphis cholica, new species.

Fore wing grayish over luteous, the veins outwardly pale-lined, forming dashes in the gray fringe; inner line lost; a gray shade along median vein; at base of veins 2-4 a small yellowish spot with black speck in its center; outer line curved, composed of dark spots on the veins, more or less confluent. Hind wing whitish, veins, costa, and narrow terminal line gray-shaded. Expanse, 32 mm.

Type, male, No. 22011, U. S. Nat. Mus.; Zacualpan, Mexico, May, 1918 (R. Müller).

Similar to *C. microsticha* Hampson, but the anal tuft of the male is very slight, hardly present.

Eriopyga nocanoca, new species.

Gray-brown; a triangular black patch near base below cell, above which are two small spots; orbicular and reniform filled in with black, confluent below; lines obscure, pale, the outer minutely denticulate; a dark median shade-line from reniform to inner margin; subterminal line pale, straight and parallel to outer margin; a small black spot subapically. Hind wing brownish gray, dark, a little lighter and yellowish toward base. Expanse, 24 mm. Antennæ of male ciliate; legs normal; thorax without tufts of scales on pectus; abdomen with claspers and anal tuft long; fore wing below with cell and area below it with downturned hair.

Type, male, No. 22121, U. S. Nat. Mus.; Zacualpan, Mexico, September, 1918 (R. Müller).

CUCULLIINÆ

Cucullia eucaena, new species.

Thorax gray, the dorsal area blackish. Fore wing gray, shaded with black except terminally, costal area in and beyond cell and area at anal angle shaded with reddish brown; stigmata rounded, not enlarged, dull luteous filled, without defined edges except a curved black line below the reniform; a group of black and brown dots in the reniform and one of each color in the orbicular; inner line black, angular, running out in a closed point on submedian fold; veins outwardly black-lined; subterminal line obsolete above, visible below vein 3, whitish, bent inward on submedian, angled on vein 1 and running to inner margin near middle; a black bar from end of vein 2 to outer line at submedian. Hind wing whitish over the disk, veins and terminal area very broadly blackish; fringe white. Expanse, 49 mm.

Type, female, No. 22012, U. S. Nat. Mus.; Mexico City, Mexico, June, 1918 (R. Müller).

Cucullia syggnomon, new species.

Fore wing purplish gray, rather dark; whitish oblique streaks along the costa; inner line black, produced outward on submedian fold, the ends of the point widely open; a rufous shading in end of cell and beyond on inner margin at base and above the black streak at vein 2; stigmata enlarged, dull rufous filled, edged on the sides with black dots, the reniform with a curved black line below; two blackish dots in upper half of reniform; outer line whitish, continuous, oblique at costa, angled at vein 7, and again at vein 4, incurved a little at submedian fold and angled at vein 1; veins outwardly black-lined; a terminal black line, cut at the veins. Hind wing brownish on the disk, the veins, costa, and outer margin very broadly blackish; fringe brown at base, white outwardly. Expanse, 53 mm.

Type, female, No. 22013, U. S. Nat. Mus.; Orizaba, Mexico, November, 1908 (R. Müller).

Cucullia eccissica, new species.

Smooth dark gray, lines and stigmata obsolete; veins 3, 4, 6, 7, and 8 black-lined terminally; a black line below median vein from 2 to base of 4; a long black line from base along submedian to outer fifth, where it leaves the fold and runs obliquely to end of vein 2; faint blackish lines below, forming outlines of the angle of inner line open at the tip and outer line, angled on submedian and vein 1. Hind wing white, the veins dark, the termen narrowly dark gray above. Expanse, 40 mm.

Type, male, No. 22014, U. S. Nat. Mus.; Tehuacan, Mexico, June, 1913 (R. Müller).

Cucullia edificans, new species.

Fore wing light gray, shaded faintly with rufous in end of cell and beyond, giving a darker tone to the costal area; inner line angled outward on submedian fold and below vein 1, the ends of the upper angle open; stigmata absent; three black dots along discal fold in cell; two blackish shades on the costa,

the apex blackish; outer line rather distinct, whitish, oblique on costa, angled at veins 7 and 4, submedian and vein 1; a black dash from end of vein 2 to outer line, then preceding it along submedian; the line is distinct below this and edged with black; veins outwardly black-lined. Hind wing pale gray; veins dark; outer area broadly blackish brown; fringe whitish, interlined. Expanse, 46 mm.

Type, male, No. 22015, U. S. Nat. Mus.; Cachi, Costa Rica, October 27, 1909 (W. Schaus).

The specimen looks much like *C. costaricensis* Hampson, except that the outlines of the stigmata are absent.

Amathes miastigma, new species.

Fore wing straw-color, suffused with pinkish; a round black spot in lower part of reniform; markings otherwise faint and not contrasted; lines dark, the inner coarsely waved; stigmata outlined in dark; a median shaded line from reniform to inner margin; outer line slightly excurved between veins 2 and 7; subterminal line irregularly wavy, pale, with blackish spottings between the veins, that at vein 6 the most distinct. Hind wing whitish, gray-shaded outwardly and on veins. Expanse, 30 mm.

Type, female, No. 22016, U. S. Nat. Mus.; Zacualpan, Mexico, March, 1918 (R. Müller).

ACRONYCTINÆ

Cropia maudaea, new species.

Very similar to *C. ruthaea* Dyar. The pectinations of the male antennæ are shorter and disappear within 20 joints of the end instead of 15 joints. The coloration is darker and more suffused, the fore wing being nearly solidly dark instead of having large open spaces basally and subterminally; the black dashes at veins 5 and 6 are shorter and less distinct. The hind wings are more uniformly dark. Expanse, 33 mm.

Type, male, No. 22017, U. S. Nat. Mus.; Zacualpan, Mexico, July, 1918 (R. Müller).

Cropia impressionata, new species.

Fore wing blackish brown, basal and subterminal spaces rufous shaded; stigmata large, the reniform with a broad inner leaden ring; lines black, a bar between them on submedian; a thick black dash at base; inner line angled on submedian and below vein 1, black, with a faint outer duplication; outer line black, angled a little at vein 4, edged by a linear white line below, indented at vein 1, along which there are some white scales; a black dash terminally above veins 5 and 6; terminal area blackish, widened at costa, vein 6 and tornus. Hind wing brownish, with an outer wavy dark line; a broken blackish terminal line. Expanse, 35 mm.

Type, male, No. 22018, U. S. Nat. Mus.; Zacualpan, Mexico, June, 1918 (R. Müller).

In general similar to *C. aleuca* Hampson, but the antennæ are pectinated on the basal two-thirds, being crenulate only in male *aleuca*.

Acronycta polyporia, new species.

Fore wing dark gray, suffused with rufous in end of cell and beyond nearly to termen; base broadly black-shaded; a long black bar from base through lower part of cell to termen, duplicated by two short dashes above close to margin; lines faint; inner and median appear as angular black marks; outer more distinct, running in along costa and excurved over cell; fringe black, cut by a basal white line and dashes. Hind wing white, irrorate with blackish at apex and narrowly along margin; a faint discal mark. Expanse, 27 mm.

Type, male, No. 22019, U. S. Nat. Mus.; Zacualpan, Mexico, May, 1918 (R. Müller).

Ogdoconta justitia, new species.

Purplish gray with bronzy reflection, irrorated with white; lines white, pulverulent; inner line denticulate, excurved, touching orbicular, which is outlined in powdery white; reniform similar, large, produced inward on its lower corner; outer line angled slightly at veins 7 and 4, followed by a nar-

row dark line; subterminal line irregular, close to margin; terminal line whitish, festooned. Hind wing brown-gray, the costa grayer; terminal line dark; fringe whitish. Expanse, 20 mm.

Type, female, No. 22122, U. S. Nat. Mus.; Zacualpan, Mexico, September, 1913 (R. Müller).

Near *O. pulvilinea* Schaus, but much larger and grayer.

***Chamaeclea mapensa*, new species.**

Head orange, thorax olive-yellow; fore wing olive-yellow at base and terminally, median area shaded with pink; lines obscure, olive-brown, conjoined through median area along submedian fold; subterminal line similar, with an olive-brown dash on discal fold and a spot above tornus; fringe whitish. Hind wing ocherous at base, shading to dark brown outwardly; fringe whitish. Expanse, 21 mm.

Type, male, No. 22123, U. S. Nat. Mus.; Panuco, Mexico, September, 1918 (R. Müller).

***Xylostola novi-mundi*, new species.**

Fore wing brown with a pinkish tint, the reniform large and paler reddish, but without any defining edge outwardly, a blackish mark within; a slight blackish mark for orbicular; lines very indistinct, marked by irregular blackish scales; outer line the best defined, slender, blackish, denticulate on the veins, followed by a narrow lighter shade, excurved above and notched a little on submedian fold; subterminal line obsolete, but preceded by a faint blackish macular shading; fringe blackish. Hind wing broadly blackish, the fringe pale with blackish checkering; a broken black terminal line, followed by ocherous. Expanse, 27 mm.

Type, female, No. 22130, U. S. Nat. Mus.; Portovelo, Ecuador, December 31, 1915 (F. W. Rohwer).

ERASTRIINÆ

***Eublemma irresoluta*, new species.**

Fore wing yellowish, shaded with pale reddish, the costal area faintly paler; lines yellowish, single; inner and median

straight and parallel, the median incurved near costa; a shaded gray discal mark; outer line a little irregular, roundedly incurved at costa; subterminal line wavy, with blackish spottings. Hind wing whitish, tinged with yellowish, especially outwardly. Expanse, 21 mm.

Type, female, No. 22020, U. S. Nat. Mus.; Orizaba, Mexico, June, 1912 (R. Müller).

Similar to *laphyra* Druce, but paler and twice the size.

Eublemma carterotata, new species.

Fore wing yellow along costa, the inner area purple and violaceous; inner line a faint trace; outer line whitish, oblique, incurved at costa; terminal space fiery red, crossed by a purple subterminal shaded line. Hind wing yellowish, shaded with dull pink outwardly. Expanse, 20 mm.

Type, female, No. 22021, U. S. Nat. Mus.; Sixola River, Costa Rica, September, 1909 (W. Schaus).

Cobubatha nubidice, new species.

Body parts black, the metathoracic tufts red-brown; abdominal tuft at base and on third segment black; fore wing black, a little bronzy and leaden, the lines very obscure, pale, crenulate; orbicular and reniform black, with pale outlines; a whitish mark at tornus and an obscure black wedge on margin opposite cell; terminal line black. Hind wing black. Expanse, 13 mm.

Type, female, No. 22124, U. S. Nat. Mus.; Guadalupe, Mexico, July, 1918 (R. Müller).

HYPENINÆ

Prothymia heostrophis, new species.

Thorax and fore wing yellow; palpi, vertex, and collar pink; fore wing with the costa broadly pink to an outer straight, oblique band; termen broadly pink, straightly limited within, cut by faint traces of a brown dotted subterminal line. Hind wing straw-whitish, the termen stained with brown; a pink spot at anal angle. Expanse, 17 mm.

Type, female, No. 22125, U. S. Nat. Mus.; Zacualpan, Mexico, September, 1918 (R. Müller).

Mystomemia hortealis, new genus and species.

Fore wing with single areole, veins 8-10 stalked from it; male palpi with the first joint upcurved, then sharply reflexed, reaching back to end of thorax; antennæ with long bristles from short serrations; a long area with hair-like scales at about the outer third, but no defined tuft.

Fore wing dark brown, the terminal area violaceous gray, contrasting; orbicular and reniform white points in black clouds with diffused edges; lines obscure, whitish, wavy, the outer excurved over cell; a nearly straight whitish subterminal line bounding the terminal space; a black crenulate terminal line. Hind wing blackish gray, darker outwardly; a terminal line as on fore wing. Expanse, 39 mm.

Type, male, No. 22022, U. S. Nat. Mus.; Zacualpan, Mexico, June, 1918 (R. Müller).

NOTODONTIDÆ

Dicentria phthimena, new species.

Very close to *D. moribunda* Dyar, from the same locality. The fore wings seem narrower; the pale area below the cell is not sharply limited below, but extends across the median vein; the pale terminal streak above vein 2 is linear and more oblique; the hind wings are whitish only mesially, the apex and inner area being broadly shaded with grayish and brown. Expanse, 38 mm.

Type, male, No. 22023, U. S. Nat. Mus.; Zacualpan, Mexico, July, 1918 (R. Müller).

GEOMETRIDÆ

Molybdogompha polymygmata, new species.

Wings olive-gray, finely and densely striated with raised pale scales subterminally on fore wing and over most of the medial area of hind wing; fore wing diluted with reddish patches basally and two illy defined yellow patches on costa;

a row of black spots with raised metallic scales between the veins subterminally on both wings, followed by a broken metallic line close to the margin; fringes dark gray. Expanse, 17 mm.

Type, female, No. 22126, U. S. Nat. Mus.; Panuco, Mexico, September, 1918 (R. Müller).

Cymatophora evelis, new species.

Fore wing smooth violaceous gray; inner line lost; outer line blackish, nearly straight, bent only on median vein; discal dot a trace; subterminal line obsolete, but marked by two black wedges below costa; space between outer and subterminal lines darker gray. Hind wing yellowish gray, immaculate. Expanse, 23 mm.

Type, male, No. 22127, U. S. Nat. Mus.; Pachuca, Mexico, September, 1918 (R. Müller).

Lychnosea aganaedoea, new species.

Wings whitish, irrorated with pale brownish gray; fore wing with a discal dot and outer line, straight in course, wavy, parallel to the outer margin; hind wing with a discal dot which is more distinct on the under side. Expanse, 32 mm.

Type, male, No. 22128, U. S. Nat. Mus.; Mexico, without precise locality. A second male with the fore wing more densely irrorated and the outer line with an inner brown edge, Cuajimalpa, Mexico, October, 1918 (R. Müller).

THYRIDIDÆ

Dysodia acrotoma, new species.

Reddish, the wings strigose with blackish rather openly; fore wing without discal dot, hind wing with two very small, separated, punctiform hyaline ones; outer line on fore wing oblique, narrow, triangularly widening on costal third; a straight line across the apex from costa to vein 4. Hind wing with a faint shade through the middle and a line from discal dot to inner margin; outer reticulations distinct, broadly open. Expanse, 28 mm.

Type, male, No. 22024, U. S. Nat. Mus.; Zacualpan, Mexico, August, 1918 (R. Müller).

This runs to *innubila* Warren in the table (Ins. Ins. Mens., i, 37, 1913), described from Bolivia and Peru and known to me only by description. I do not think it will prove the same as the present species.

PYRALIDÆ

PHYCITINÆ

Rampylla orio, new genus and species.

Hind wing with 8 veins, vein 2 arising before the end of the cell; fore wing with veins 3-5 from lower angle of cell, 7-8 stalked, 10 from the cell; labial palpi upturned to vertex, the second joint widened with scales at tip; maxillary palpi with flattened scales pressed against the front; antennæ simple, thickened and somewhat angular, annulate; fore wing without scale ridge.

Fore wing dark violaceous gray; inner line lost, indicated by a few black scales; discal dots small, pale yellowish; similar marks at the bases of the discal venules, relieving them, the veins themselves, 2-6 slightly darkened; outer line distinct, black, followed by brown, a little indented opposite cell; a narrow black terminal line, followed by a pale line in base of fringe. Hind wing yellowish translucent, a little grayish tinted, the tufts yellowish, consisting of curled hairs on the under side at origin of veins 2-5, running out as a fringe along these veins and the bases of 6-7 also; the anal area forms a pocket containing a long yellow hair-pencil. Expanse, 21 mm.

Type, male, No. 22025, U. S. Nat. Mus.; Zacualpan, Mexico, March, 1918 (R. Müller).

In this genus will also fall *Ulophora subsutella* Schaus (Ann. Mag. Nat. Hist., (8), xi, 248, 1913) and *Salebria polydectella* Schaus (Ann. Mag. Nat. Hist., (8), xi, 250, 1913), probably so in the case of the latter, the type of which is a female.

Dioryctria muellerana, new species.

Fore wing dark gray, a little shaded with reddish in lower part of median space and subterminally; a slight black mark near base, then a subbasal black band, distinct centrally; inner line narrow, indented on median and vein 1; discal mark pale, with a little blackish outwardly; outer line rather broad and streaked on the veins, indented opposite cell and a little incurved below, followed very faintly by whitish; veins in terminal area blackish lined; a terminal black line. Hind wing grayish translucent, darker on costa and termen. Expanse, 30 mm.

Type, male, No. 22026, U. S. Nat. Mus.; Zacualpan, Mexico, May, 1918 (R. Müller).

This may prove to be the male of *D. majorella* Dyar.

CRAMBINÆ

Thaumatopsis idion, new species.

Fore wing brownish gray, a broad white streak through lower part of cell running out nearly to termen; a blackish shade above this in upper part of cell; narrow black lines outwardly in the interspaces; an ochraceous shading along submedian fold. Hind wing gray. Expanse, 30 mm.

Type, male, No. 22129, U. S. Nat. Mus.; Mexico City, Mexico, July, 1918 (R. Müller).

A NOTE ON ARGENTINE MOSQUITOES

(*Diptera, Culicidæ*)

By HARRISON G. DYAR

According to recent publications, the following mosquitoes are known to occur in the Argentine Republic:

?*Sabethes cyaneus* Fabricius.

Limatus leontiniae Brèthes.

Lesticocampa paranensis Brèthes.

**Culex* (*Culex*) *pipiens* Linn. (*flavipes* Macquart).

?*Culex* (*Culex*) *quinquefasciatus* Say (*dolosa* of authors, not of Lynch).